



# SEQUENCE LISTING

<110> Biopolo s.c.r.l.  
<120> YEAST STRAINS FOR THE PRODUCTION OF LACTIC ACID  
<130> 2027.547000  
<140> US 10/068,137  
<141> 2002-02-06  
<150> ITALY MI97A002080  
<151> 1997-12-09  
<150> PCT/EP98/05758  
<151> 1998-09-11  
<160> 12  
<170> PatentIn version 3.0  
<210> 1  
<211> 27  
<212> DNA  
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<220>  
<221> misc\_feature  
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<223> Oligomer anneals to inactivated ampicillin resistance gene of  
plasmid pALTER-land restores ampicillin resistance to mutant  
strand after mutagenesis reaction  
  
<400> 1  
gttgccattg ctgcaggcat cgtggtg 27  
  
<210> 2  
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<223> Oligomer anneals upstream of Bos taurus LDH gene in 5'UTR and  
creates XbaI restriction site 11 bp before start codon after  
mutagenesis reaction  
  
<400> 2  
ccttttaggt ctagatccaa gatggcaac 29  
  
<210> 3  
<211> 27  
<212> DNA  
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<221> misc\_feature  
<222> ()..()  
<223> Oligomer anneals to 5' end of L. casei LDH gene and introduces a  
NcoI restriction site which changes the GTG start codon to an ATG  
start codon  
  
<400> 3  
ccatggcaag tattacggat aaggatc 27

<210> 4  
 <211> 24  
 <212> DNA  
 <213> Lactobacillus casei  
 <220>  
 <221> misc\_feature  
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 <223> Antisense oligomer anneals 8 bp upstream of 3' end of L. casei  
 LDH gene

<400> 4  
 ctatcactgc aggggtttcga tgtc 24

<210> 5  
 <211> 59  
 <212> DNA  
 <213> Artificial Sequence  
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 <221> misc\_feature  
 <222> ()..()  
 <223> Oligomer complementary to S. cerevisiae PDC1 and anneals to  
 loxP -KanSRD-loxP cassette

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<210> 6  
 <211> 62  
 <212> DNA  
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 <220>  
 <221> misc\_feature  
 <222> ()..()  
 <223> Antisense oligomer complementary to S. cerevisiae PDC1 and anneal  
 to loxP-KanSRD-loxP cassette

<400> 6  
 aatgcttata aaactttaac taataattag agattaaatc gcataggcca ctagtggatc 60

tg 62

<210> 7  
 <211> 59  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <221> misc\_feature  
 <222> ()..()  
 <223> Oligomer complementary to S. cerevisiae PDC5 and anneals to

loxP -KanSRD-loxP cassette

<400> 7  
atcaatctca aagagaacaa cacaatacaa taacaagaag cagctgaagc ttcgtacgc 59

<210> 8  
<211> 62  
<212> DNA  
<213> Artificial Sequence  
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<222> ()..()  
<223> Antisense oligomer complementary to *S. cerevisiae* PDC5 and anneal to  
to loxP-KanSRD-loxP cassette

<400> 8  
aaaatacaca aacgttgaat catgagtttt atgttaatta gcataggcca ctagtggatc 60  
tg 62

<210> 9  
<211> 59  
<212> DNA  
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<223> Oligomer complementary to *S. cerevisiae* PDC6 and anneals to  
loxP-KanSRD-loxP cassette

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<210> 10  
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<223> Antisense oligomer complementary to *S. cerevisiae* PDC6 and anneals  
to loxP-KanSRD-loxP cassette

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<210> 11

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 <223> Oligomer complementary to *S. cerevisiae* PDC2 and anneals to  
 loxP-KanSRD-loxP cassette  
  
 <400> 11  
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<210> 12  
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 <212> DNA  
 <213> Artificial Sequence  
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 <222> ()..()  
 <223> Antisense oligomer complementary to *S. cerevisiae* PDC2 and anneals  
 to loxP-KanSRD-loxP cassette  
  
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